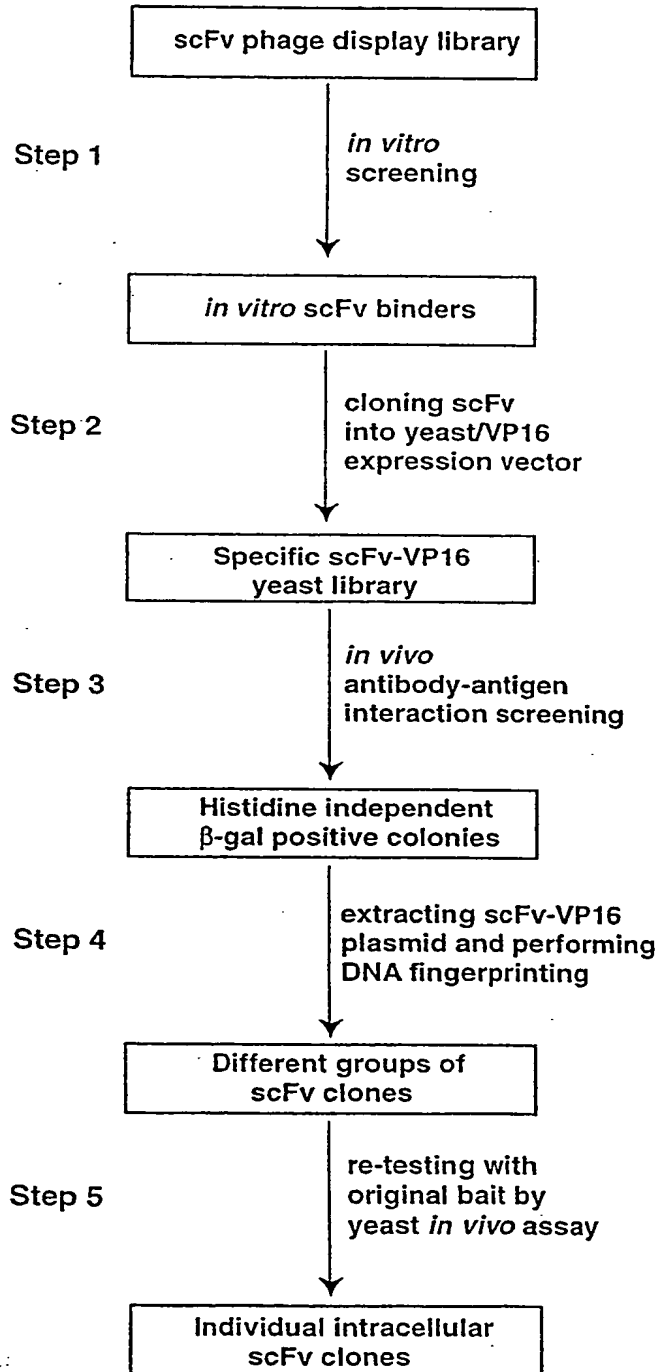


A. Intracellular Antibody Capture Technology



B. BCR screen

C. ABL screen

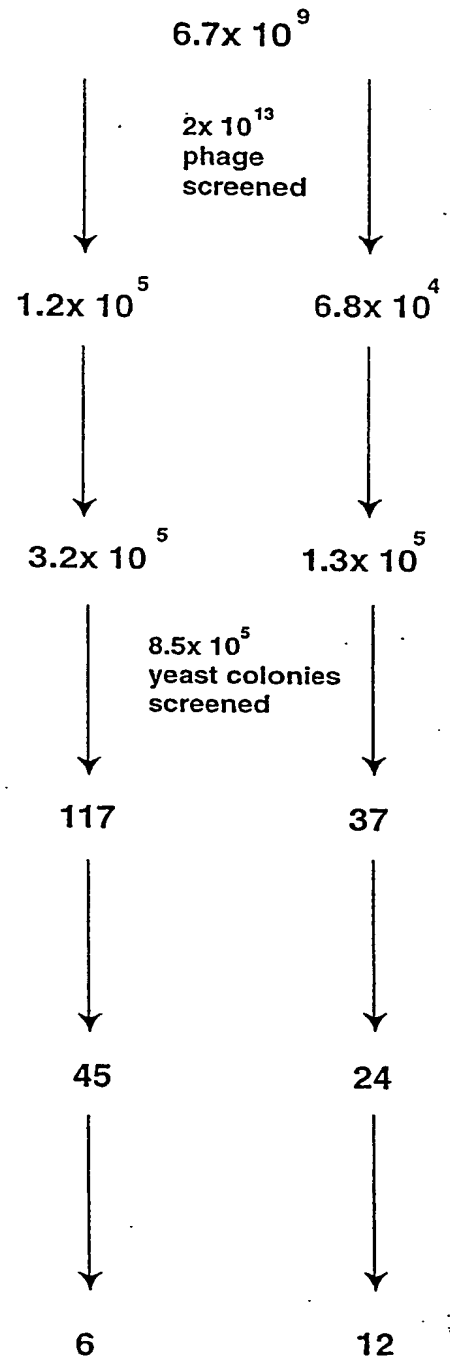


FIG. 1

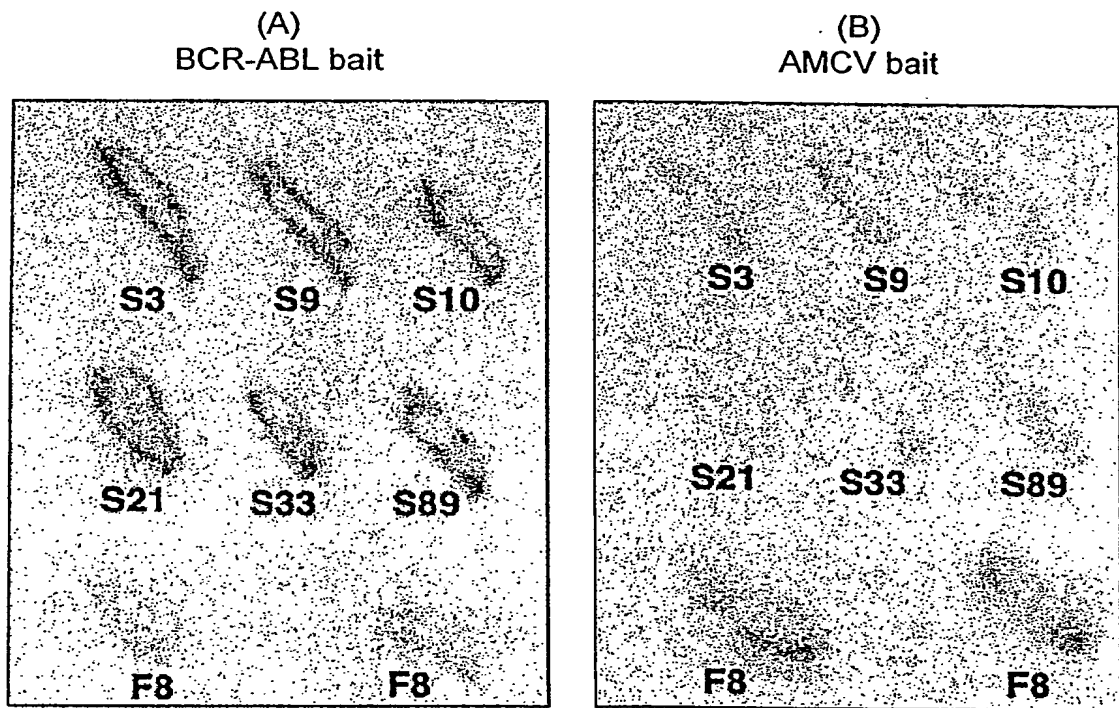


FIG. 2

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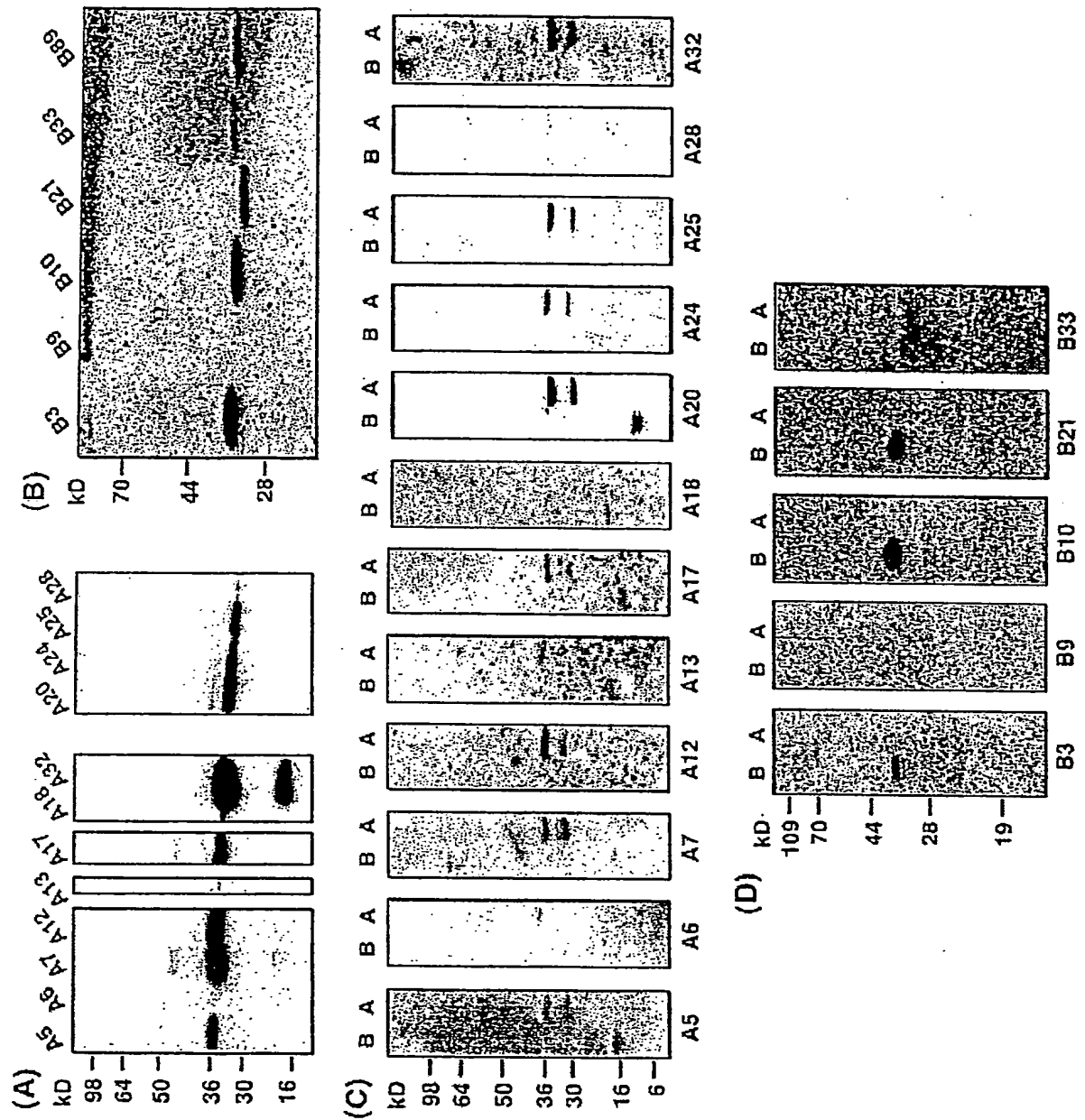


FIG. 3

BEST AVAILABLE COPY

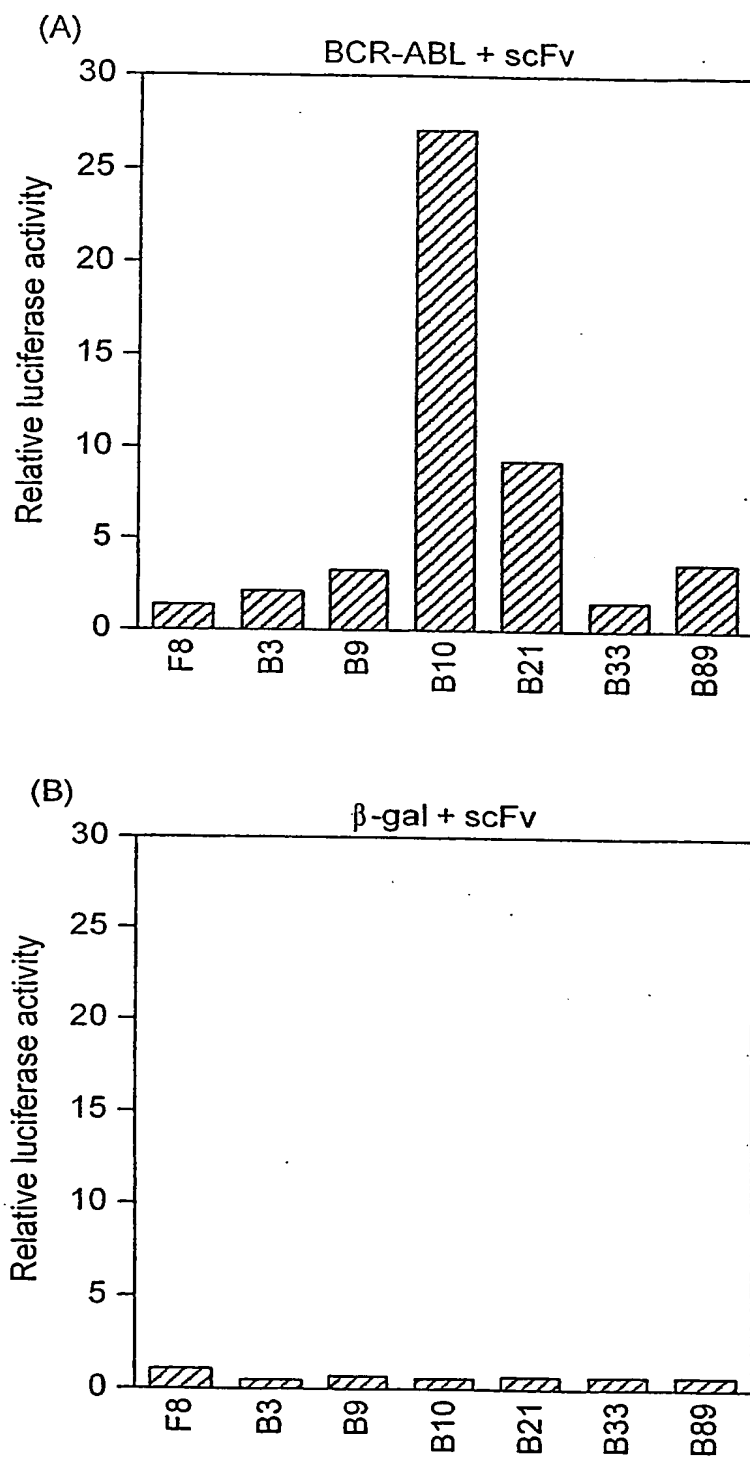


FIG. 4

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BEST AVAILABLE COPY

3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
MAQVQESGGVQPGSLRSCAASGTFSSYAHWVROAPGKLEWVAVSSDGSXYVYADSVKGRFTISRDSKNLTLYOMNSLRAEDTAVVYCARDXAGXXXXXXFDXWGQGLVTVSS	SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A-T-R-Q-DSLR-AS	A-G-S-DA	A-T-R-Q-DSLR-AS	WYQOKPGQAPKLLIYAASRPSGVPDRESGSGCTDFLTSSLOADEADYVCQYDSSPXT FGGETKLTIKR
3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A-T-R-Q-DSLR-AS	A-G-S-DA	A-T-R-Q-DSLR-AS	WYQOKPGQAPKLLIYAASRPSGVPDRESGSGCTDFLTSSLOADEADYVCQYDSSPXT FGGETKLTIKR	
3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A-T-R-Q-DSLR-AS	A-G-S-DA	A-T-R-Q-DSLR-AS	WYQOKPGQAPKLLIYAASRPSGVPDRESGSGCTDFLTSSLOADEADYVCQYDSSPXT FGGETKLTIKR	
3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A-T-R-Q-DSLR-AS	A-G-S-DA	A-T-R-Q-DSLR-AS	WYQOKPGQAPKLLIYAASRPSGVPDRESGSGCTDFLTSSLOADEADYVCQYDSSPXT FGGETKLTIKR	
3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A-T-R-Q-DSLR-AS	A-G-S-DA	A-T-R-Q-DSLR-AS	WYQOKPGQAPKLLIYAASRPSGVPDRESGSGCTDFLTSSLOADEADYVCQYDSSPXT FGGETKLTIKR	
3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A-T-R-Q-DSLR-AS	A-G-S-DA	A-T-R-Q-DSLR-AS	WYQOKPGQAPKLLIYAASRPSGVPDRESGSGCTDFLTSSLOADEADYVCQYDSSPXT FGGETKLTIKR	
3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A-T-R-Q-DSLR-AS	A-G-S-DA	A-T-R-Q-DSLR-AS	WYQOKPGQAPKLLIYAASRPSGVPDRESGSGCTDFLTSSLOADEADYVCQYDSSPXT FGGETKLTIKR	
3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A-T-R-Q-DSLR-AS	A-G-S-DA	A-T-R-Q-DSLR-AS	WYQOKPGQAPKLLIYAASRPSGVPDRESGSGCTDFLTSSLOADEADYVCQYDSSPXT FGGETKLTIKR	
3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A-T-R-Q-DSLR-AS	A-G-S-DA	A-T-R-Q-DSLR-AS	WYQOKPGQAPKLLIYAASRPSGVPDRESGSGCTDFLTSSLOADEADYVCQYDSSPXT FGGETKLTIKR	
3	7	9	10	11	15	16	17	19	20	21	22	24	26	27	29	33	34	ICR
SELTDQ:AV-A-T-R-Q-DSLR-AS	A-V-D-A-A-S-S	A-E-A-LS-A-V-SSIDA	A-V-D-A-C-S-LA	Q-DSLR-AS	Q-TGS-NIGXGDVH	E-A-N-KS-LP-GSNEHEFA	A-OG-NDIV	T-TS-DVGGY-VYS	A-I-D-A-L-S-SLAW	E-A-N-KS-VLSS-NKXJA	Q-DSLR-AS	E-A-N-KS-VLSS-NKXJA	A-T-R-Q-DSLR-AS	A				

FIG. 5B

BEST AVAILABLE COPY

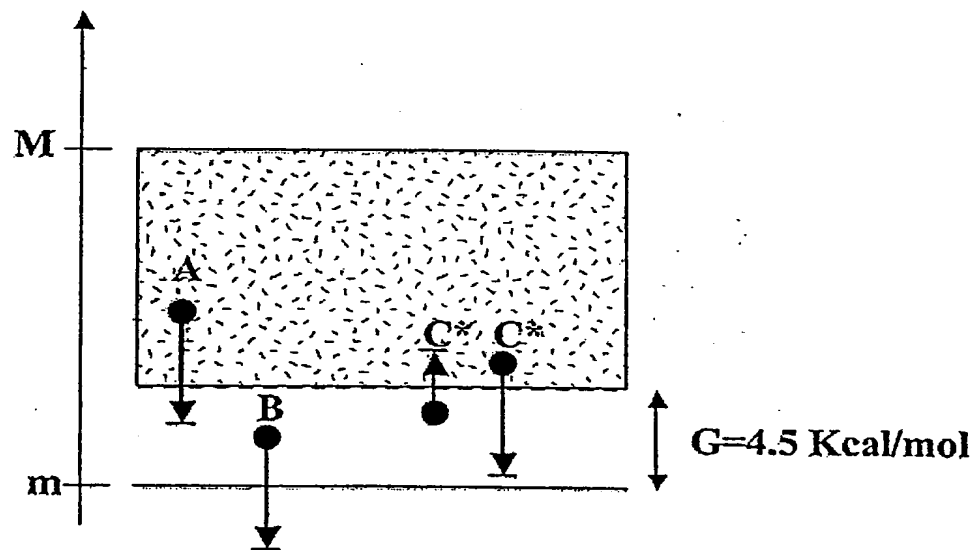


FIG. 6

BEST AVAILABLE COPY

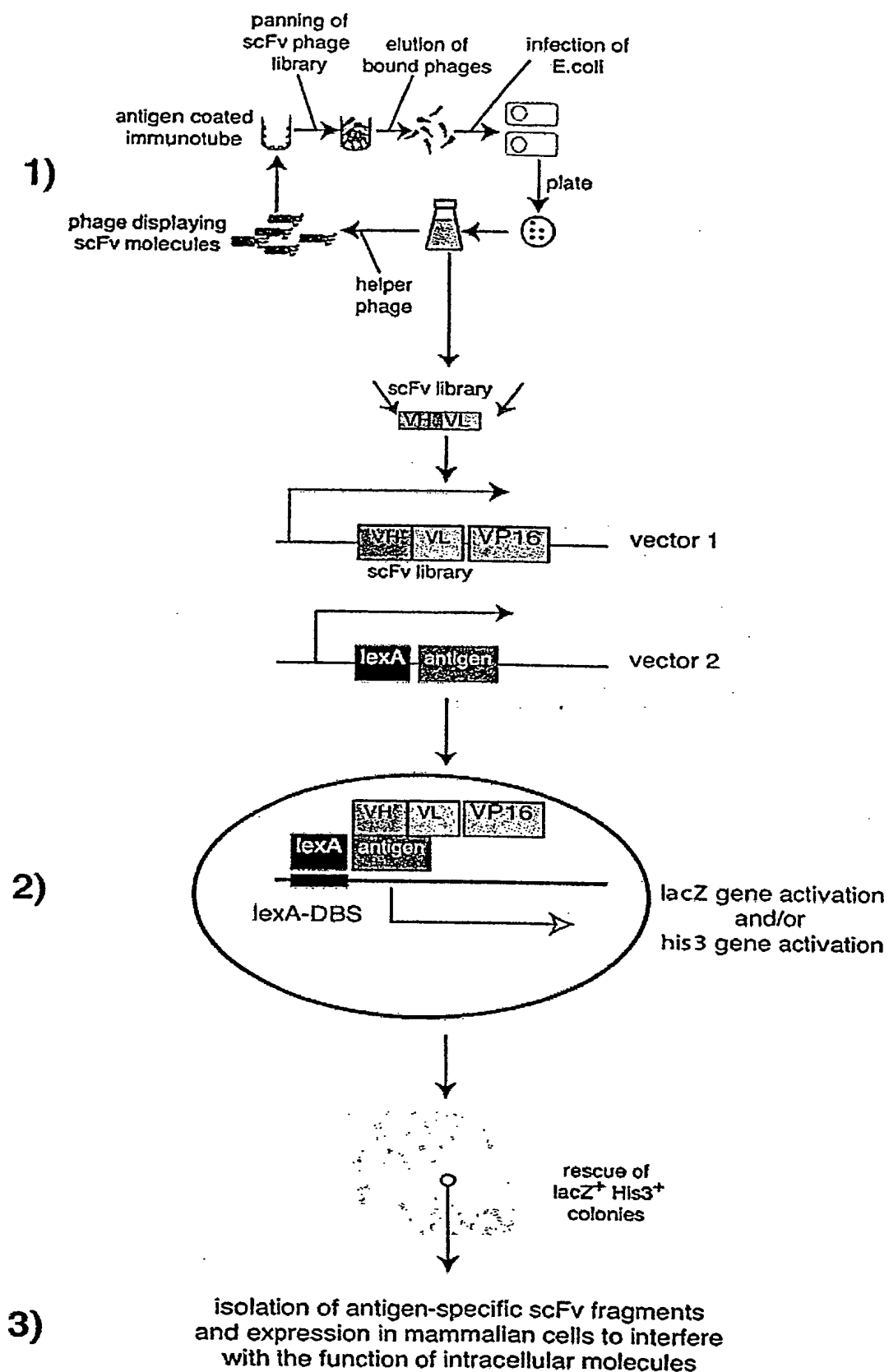


FIG. 7

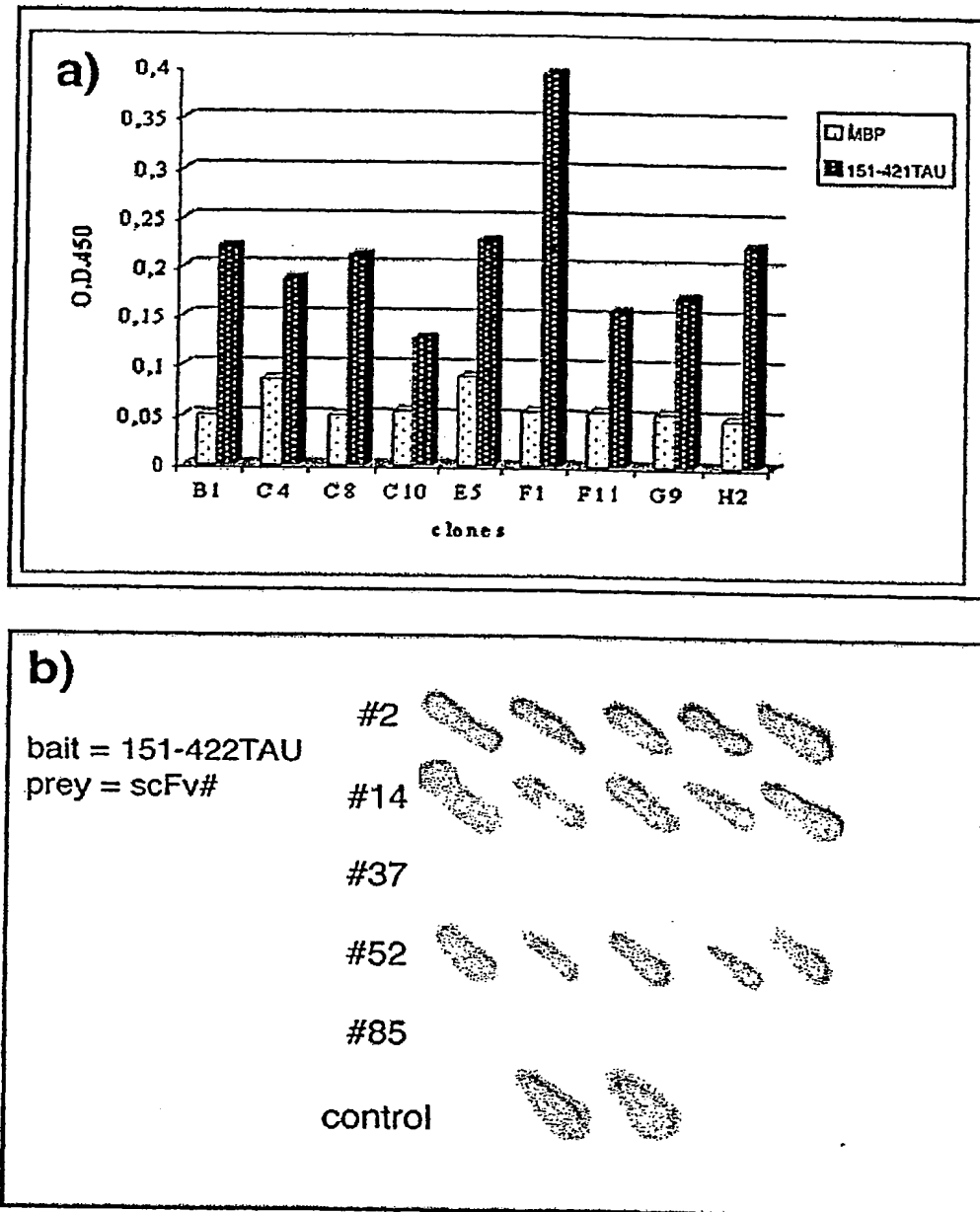


FIG. 8

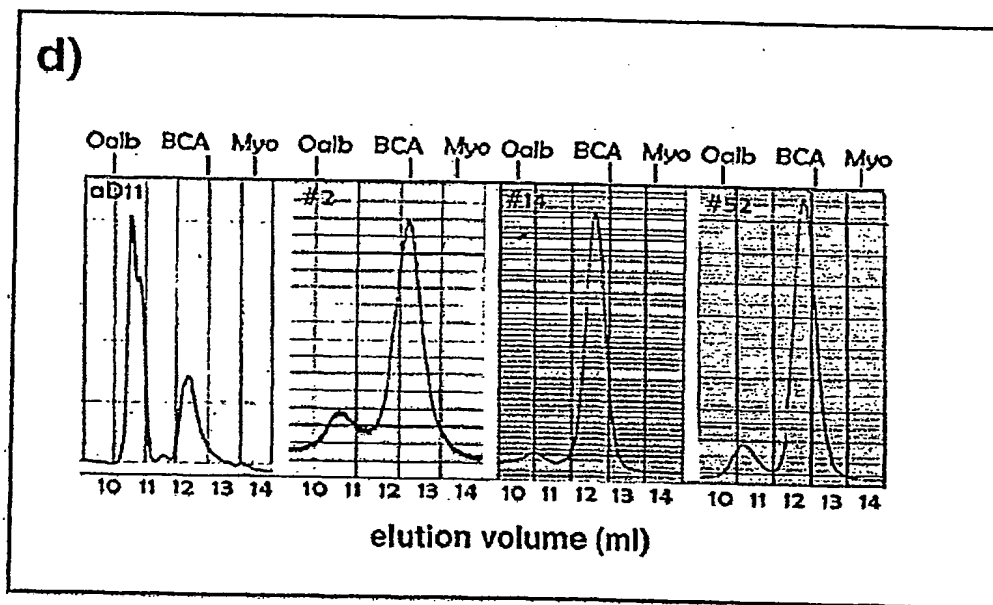
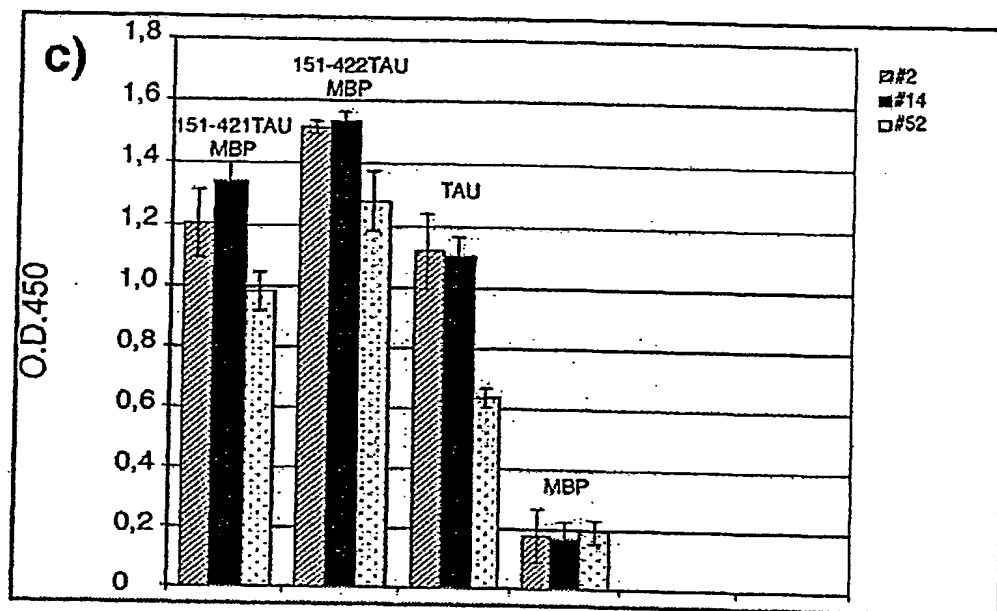


FIG. 8 CONT'D

BEST AVAILABLE COPY

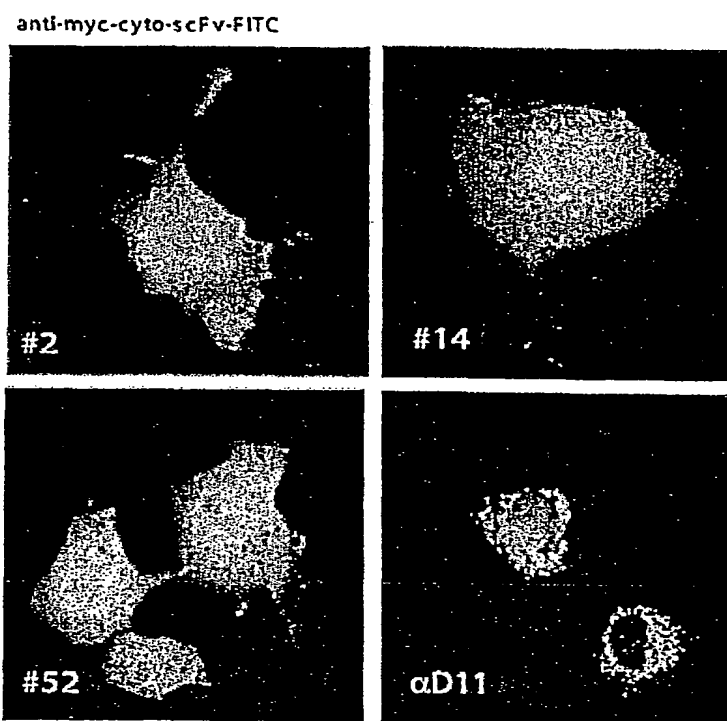


FIG. 9

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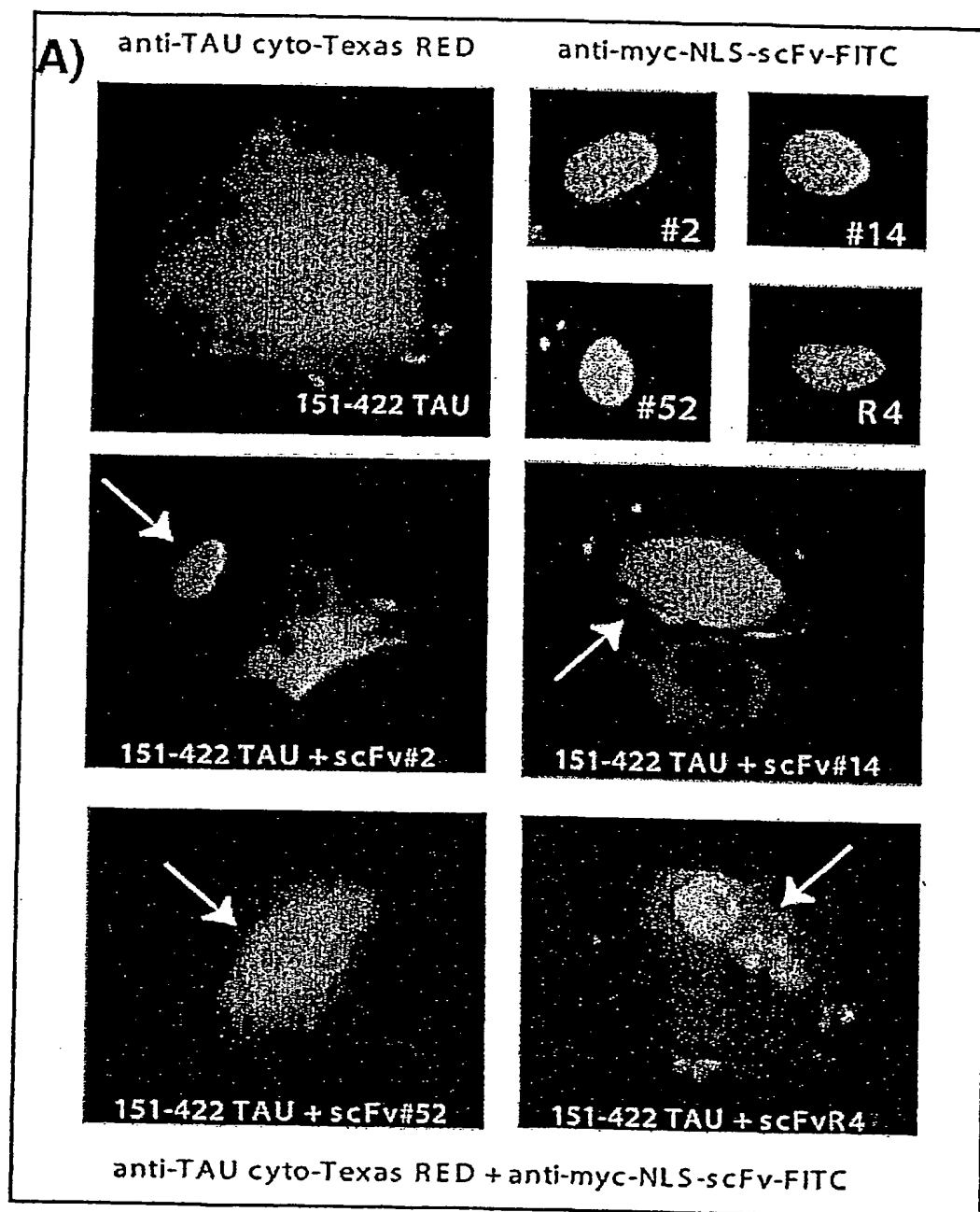


FIG. 10

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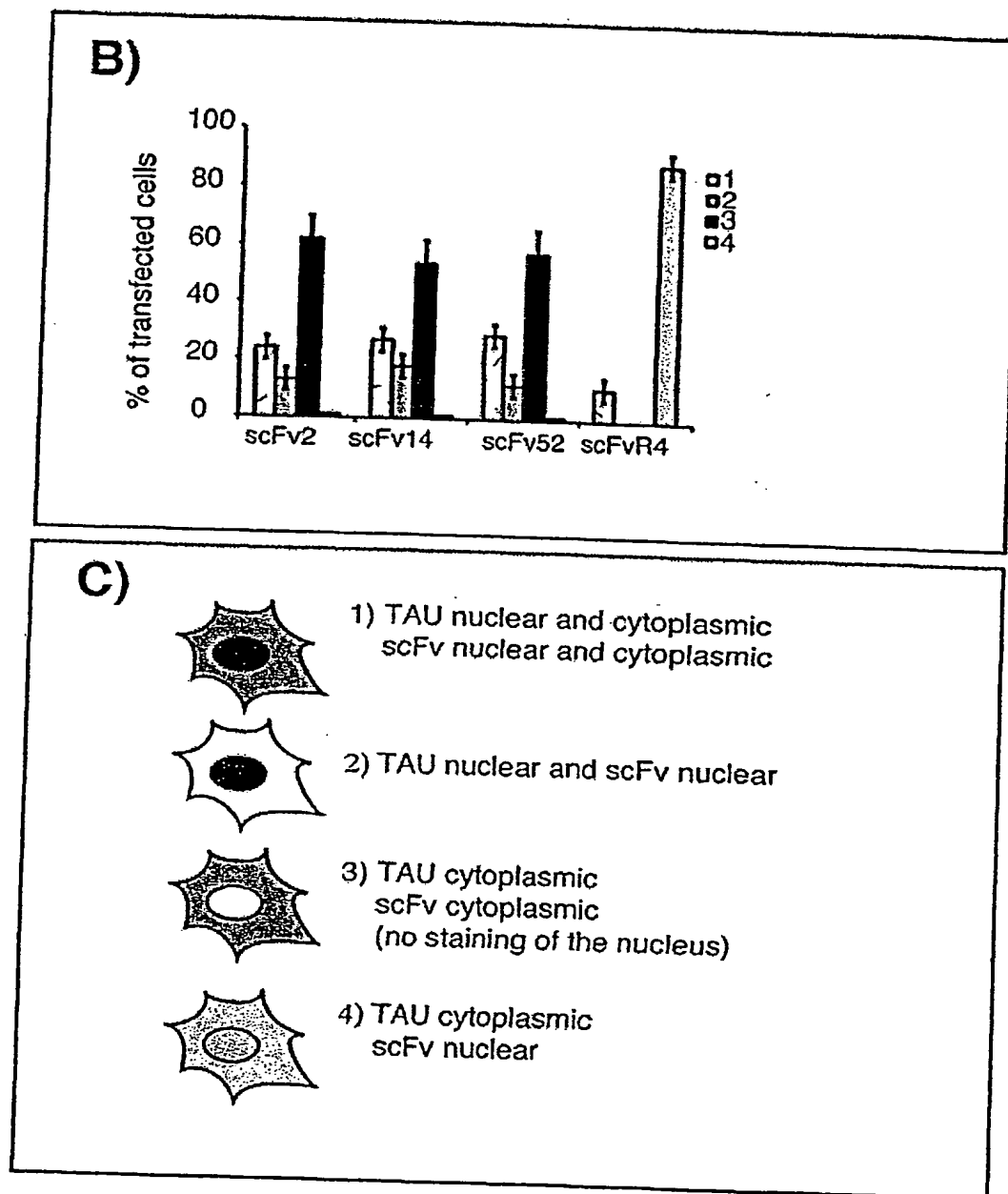


FIG. 10 CONT'D

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	FRI	CDR1	FR2	CDR2	FR3	CDR3	
1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32
33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56
57	58	59	60	61	62	63	64
65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88
89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104
105	106	107	108	109	110	111	112
113	114	115	116	117	118	119	120
121	122	123	124	125	126	127	128
129	130	131	132	133	134	135	136
137	138	139	140	141	142	143	144
145	146	147	148	149	150	151	152
153	154	155	156	157	158	159	160
161	162	163	164	165	166	167	168
169	170	171	172	173	174	175	176
177	178	179	180	181	182	183	184
185	186	187	188	189	190	191	192
193	194	195	196	197	198	199	200
201	202	203	204	205	206	207	208
209	210	211	212	213	214	215	216
217	218	219	220	221	222	223	224
225	226	227	228	229	230	231	232
233	234	235	236	237	238	239	240
241	242	243	244	245	246	247	248
249	250	251	252	253	254	255	256
257	258	259	260	261	262	263	264
265	266	267	268	269	270	271	272
273	274	275	276	277	278	279	280
281	282	283	284	285	286	287	288
289	290	291	292	293	294	295	296
297	298	299	300	301	302	303	304
305	306	307	308	309	310	311	312
313	314	315	316	317	318	319	320
321	322	323	324	325	326	327	328
329	330	331	332	333	334	335	336
337	338	339	340	341	342	343	344
345	346	347	348	349	350	351	352
353	354	355	356	357	358	359	360
361	362	363	364	365	366	367	368
369	370	371	372	373	374	375	376
377	378	379	380	381	382	383	384
385	386	387	388	389	390	391	392
393	394	395	396	397	398	399	400
401	402	403	404	405	406	407	408
409	410	411	412	413	414	415	416
417	418	419	420	421	422	423	424
425	426	427	428	429	430	431	432
433	434	435	436	437	438	439	440
441	442	443	444	445	446	447	448
449	450	451	452	453	454	455	456
457	458	459	460	461	462	463	464
465	466	467	468	469	470	471	472
473	474	475	476	477	478	479	480
481	482	483	484	485	486	487	488</

Human JH for primers

Human VH back primers

[illegible]

WHA-1	QVQL	SG	G	V	PG	SRLSCAASGTF	Y	M	W	ROAPGKGLEWV	S	YYADSVKGRET	RDN	N	LQM	LRAEDTA	Y	CA	D
-------	------	----	---	---	----	-------------	---	---	---	-------------	---	-------------	-----	---	-----	---------	---	----	---

W GTLVTVSS ← SEQ 41

FIG. 11a

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[illegible]

Human VK and λ back primers

Human Jk and Jλ for primers

[illegible]

TK ← SEQ 42

FIG. 11b

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[illegible][illegible]

FIG. 11C

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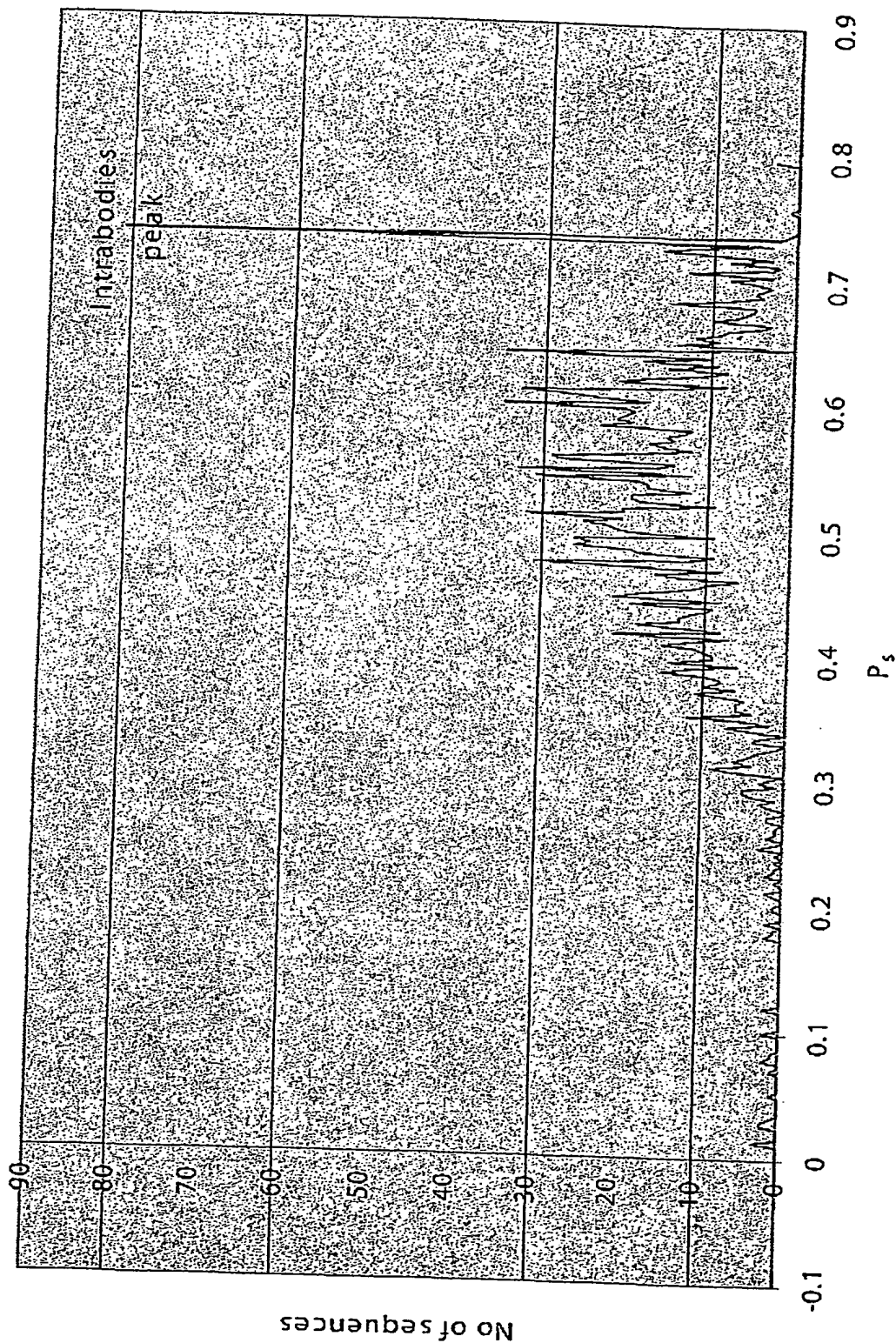


FIG. 12

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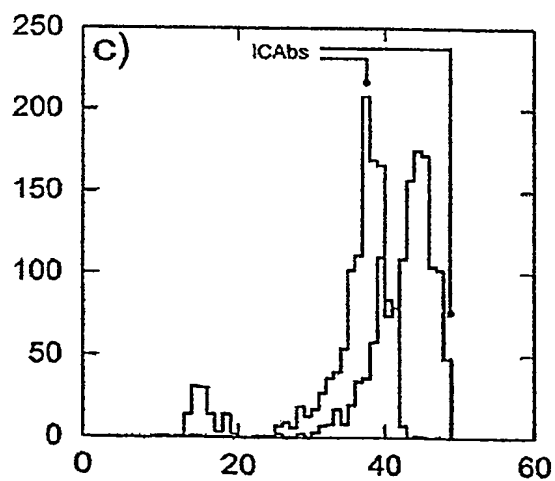
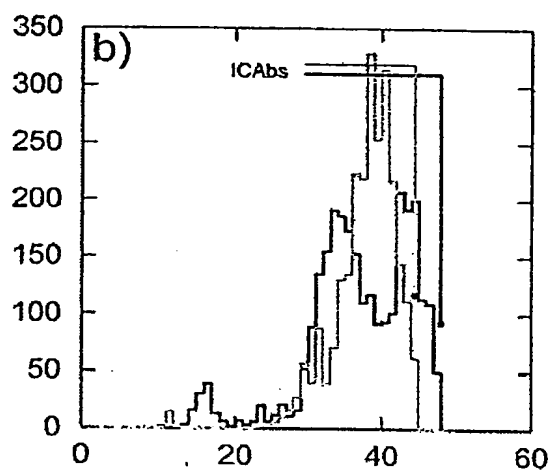
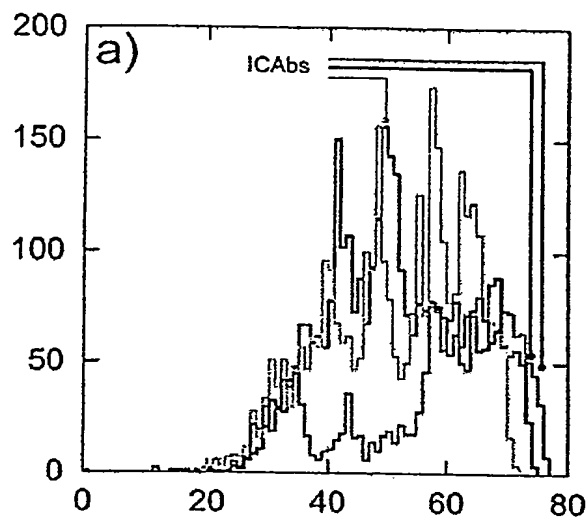


FIG. 13

BEST AVAILABLE COPY

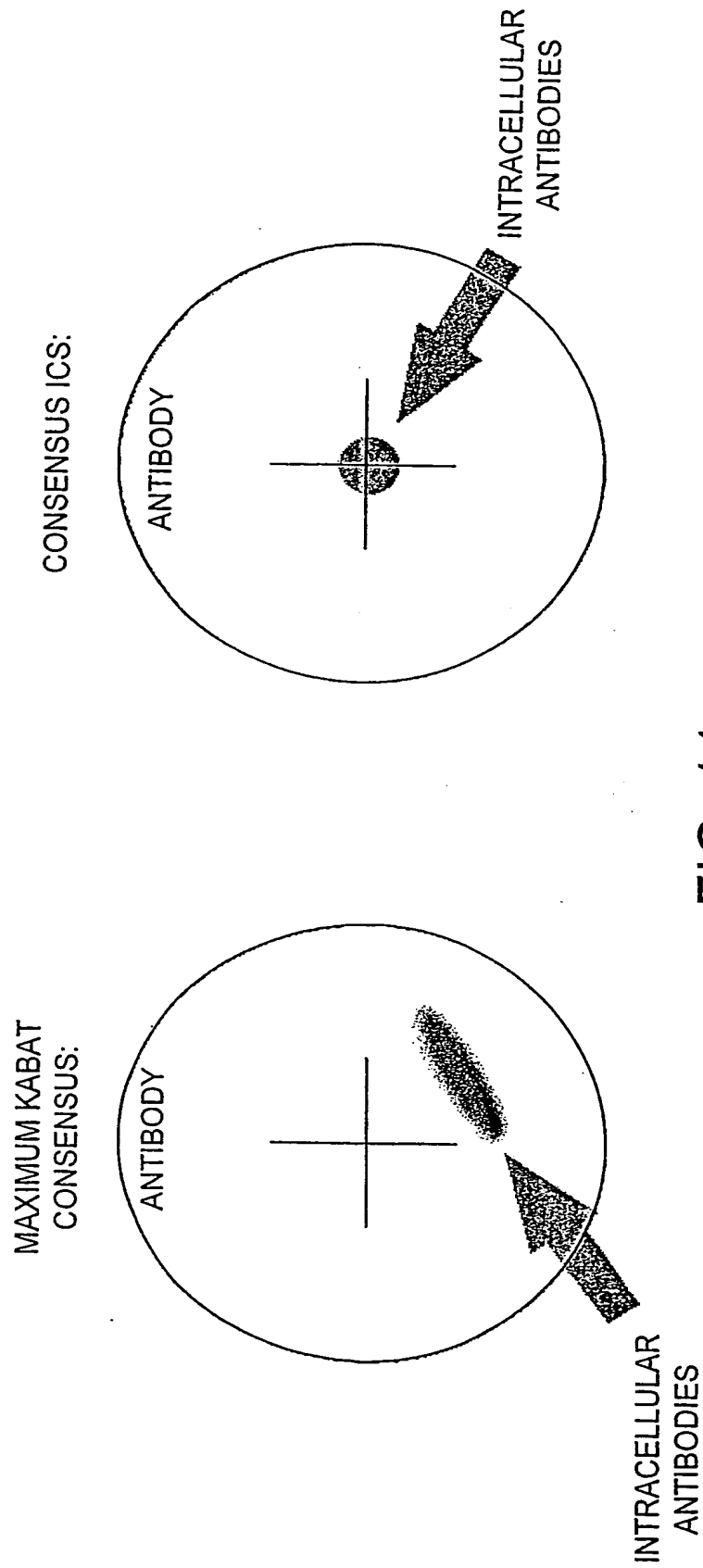


FIG. 14

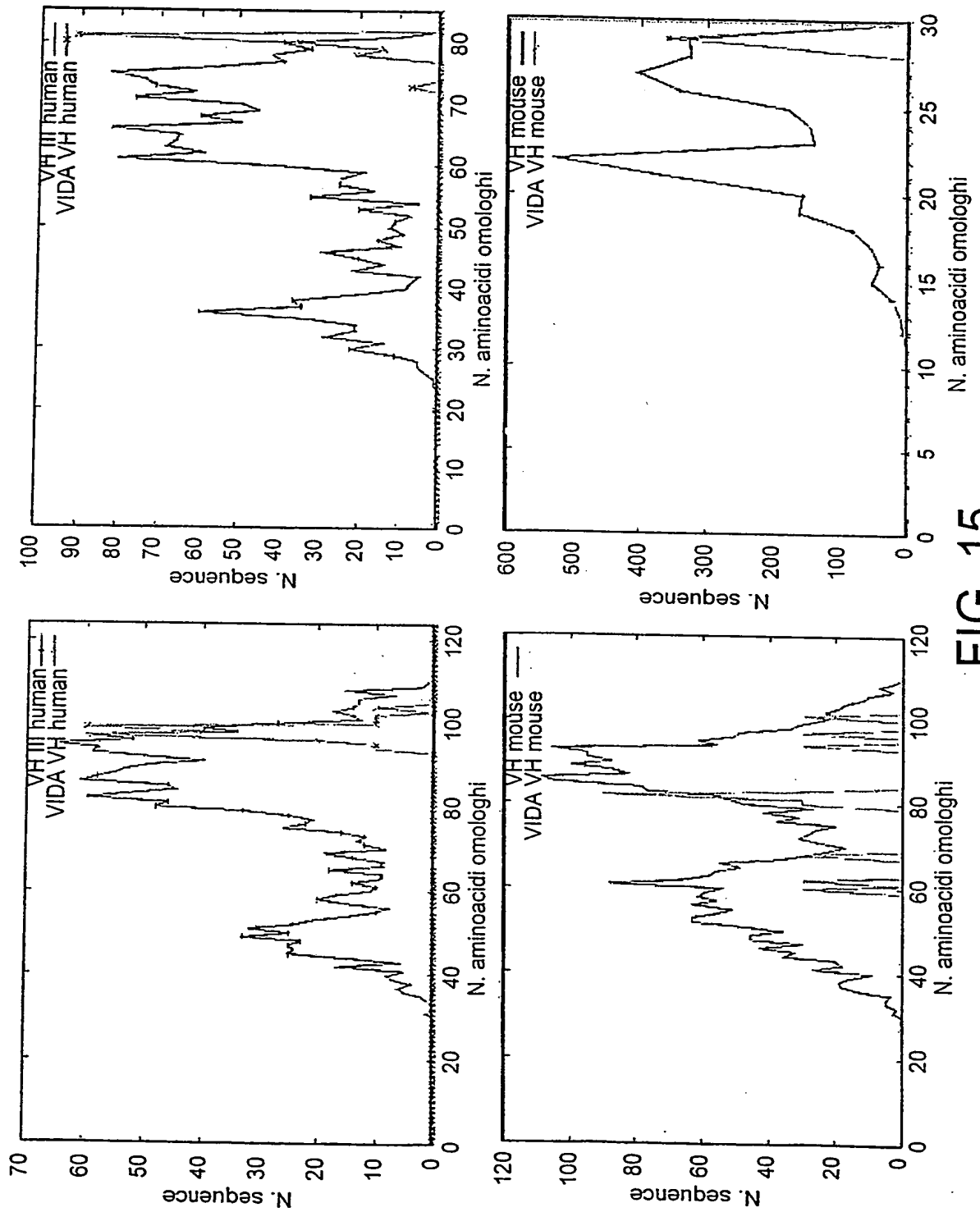


FIG. 15

BEST AVAILABLE COPY

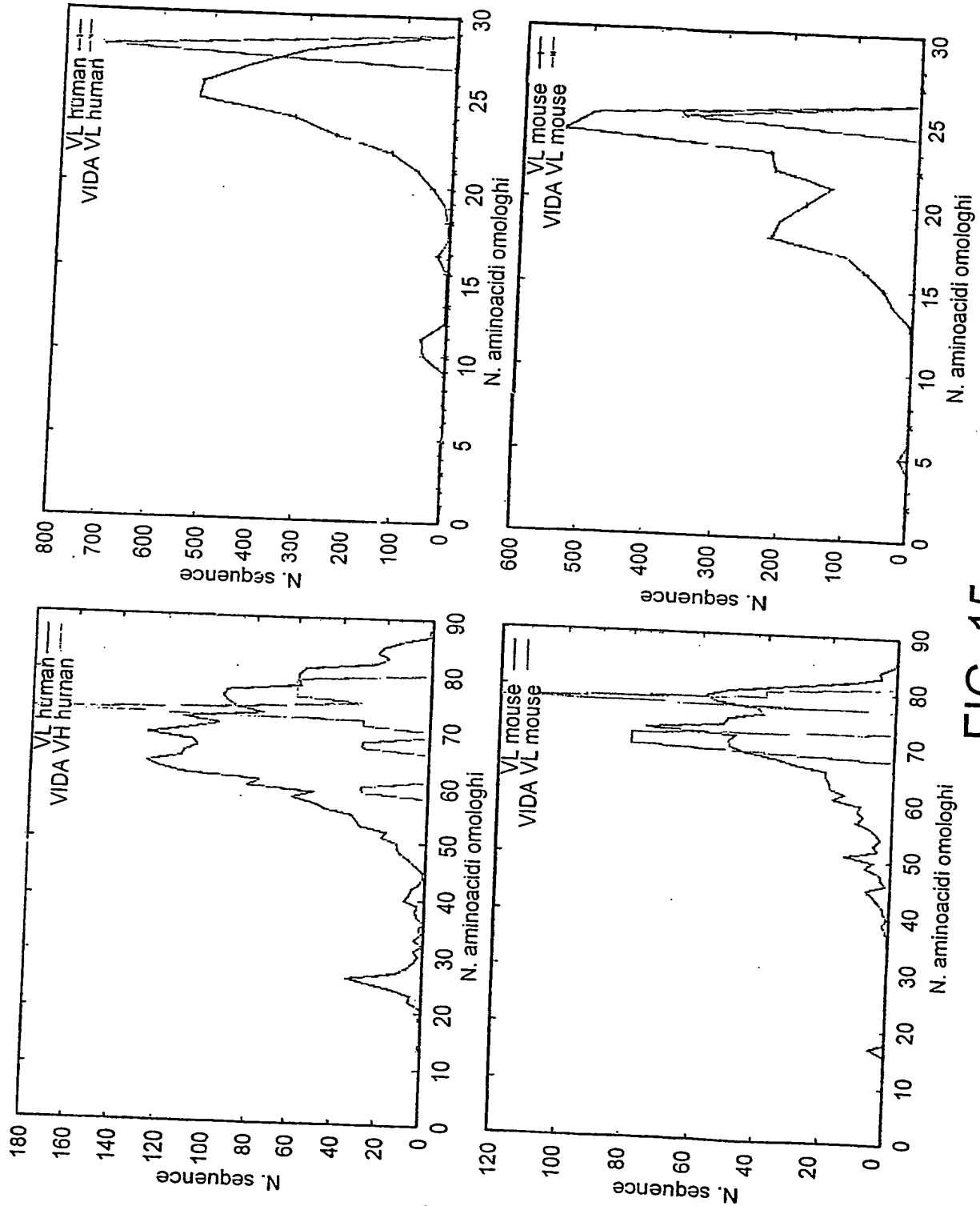


FIG. 15 CONT'D